Money Power™

For IBM PC/XT/AT and Compatibles
Commodore 64/128
Apple IIe and IIc

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Money
Power

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1. Introduction

These easy-to-use programs will help you to make decisions about saving money and calculate the value of various savings strategies.

You can enter any number of variations to the programs to see how the results change. For example, a higher interest rate, a lower tax rate or larger deposits can radically effect the outcome of a savings plan many years later.

2. Loading Instructions

Insert the disk into the drive with the label facing up and oval facing towards the drive's door. Note the oval opening that exposes the disk inside it's cover. This should NEVER be touched or exposed to any elements that are hazardous to a disk's life, such as dirt, dust, soda, grease, magnetic fields, extreme temperatures, tuna salad, etc. Just about anything that would interfere with the disk drive's little, tiny read/write head is a hazard, so be careful.

2.1 Commodore 64 and 128

This is a 64K, 40 column program so that it operates both on the Commodore 64 and the Commodore 128 in 64K mode.

To put your Commodore 128 into 64K mode, hold down the Commodore logo key (bottom, left) when you turn the computer on. If you are in the 128K mode, you can type GO64. The computer is ready when you have a blue screen that says: "64K RAM System. 38911 Basic Bytes Free." and the cursor is blinking. Type: **LOAD"*",8,1** and press the RETURN key.

2.2 Apple //e and //c

Put the disk in the drive and turn on the computer. To return to the main menu from an option press ESC.

2.3 IBM PC/XT/AT and Compatibles

Load DOS and at the A> prompt type **EXPERT** and press RETURN. To return to the menu from an option press ESC.

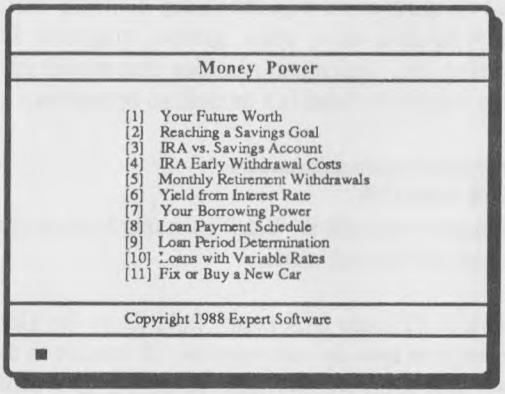
When the program loads, the main menu will appear. To choose a section,

simply enter the corresponding number and press the RETURN key.
Enter the amounts at the bottom of the screen when prompted. The type of entry required -- either a dollar sign, percent symbol or number symbol -- is indicated at each prompt. Do not use commas in the numbers.

After the results are calculated, you will be asked if you want a print out of the outcome. Press Y to print or N to continue without printing..

The following programs are separate menu options on the Money Power main menu. Each program was designed to give you instant answers to any questions you might have regarding your finances.

3. The Main Menu


Money Power
[1] Your Future Worth
[2] Reaching a Savings Goal
[3] IRA vs. Savings Account
[4] IRA Early Withdrawal Costs
[5] Monthly Retirement Withdrawals
[6] Yield from Interest Rate
[7] Your Borrowing Power
[8] Loan Payment Schedule
[9] Loan Period Determination
[10] Loans with Variable Rates
[11] Fix or Buy a New Car
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3.1 Your Future Worth

This will determine the future value of an investment. For example if you put money into a savings account or an IRA, how much will it be worth in the future?

Enter the current balance of the account, the amount you plan to deposit each year, the average annual interest rate you'll earn and the number of times a year the interest will be compounded.

Interest can be compounded 1, 2, 3, 4, 6, 12 or 365 times a year. You'll also be asked how many years you want to save for.

The results are displayed on screen and can also be printed.

Money Power will also let you generate a monthly growth table to show how much interest is earned and the new balance of the account each month.

3.2 Reaching a Savings Goal

This is similar to generating your future worth except you enter the number of years you plan to save, and how much money you would like to have at that time. This option lets you devise a plan to reach a future goal.

Based on an average annual interest rate and the number of times the interest is compounded yearly, the program will calculate the amount you must deposit to reach the goal.

3.3 IRA vs. Savings Account

Individual Retirement Accounts (IRA's) let you save money without paying taxes on it until you retire when you might be in a lower tax bracket.

This shows you how much more you net from an IRA compared to a savings account due to taxes owed on interest.

The screen will display the savings account balance and IRA account balance at the end of the savings period.

You can also generate a yearly comparison table which shows the opening balance reduction in a non IRA account. You can also show how much interest is earned and how much of that interest is taken in taxes.

3.4 IRA Early Withdrawal Costs

This will figure out the amount you'll have to withdraw from an IRA in order to net a specific amount after you pay the taxes and penalties. The withdrawal amount will consist of the needed cash plus the penalty and income tax.

3.5 Monthly Retirement Withdrawals

You can live off the interest of a savings account if you only withdraw the interest each month and don't dip into the principal. This program figures out how much you can withdraw monthly and also how much tax you'll owe so you can determine how much you have left to spend.

3.6 Yield from Interest Rate

If your savings account interest is compounded daily then you are actually earning a higher interest rate than the stated annual rate. This is because the interest is also earning interest during the year.

If you enter the interest rate and number of annual compoundings, this calculates the actual yield, taking into account the daily compounding of the account.

3.7 Your Borrowing Power

This will figure out how much you can borrow if you can only afford a specific monthly payment. Enter the monthly payment, interest rate and the number of payments.

Money Power will display the amount that can be borrowed based on the figures entered.

3.8 Loan Payment Schedule

If you borrow a specific amount, this will calculate how much your monthly payments are based on the interest rate and the length of the loan.

Enter the amount you are borrowing, the interest rate being charged for the loan and the number of payments you are making (i.e. 2 years = 24 payments.) The program calculates monthly payments and total interest paid on the loan.

3.9 Loan Period Determination

This will quickly determine how many months it will take to pay off a loan at a specified interest rate.

3.10 Loans with Variable Rates

If you have a variable rate loan it means the interest the lender charges can fluctuate. This can effect your monthly payment and the amount you owe.

This will show the impact of rate changes. The screen will display a calculation of the monthly payment at the current interest rate as well as the payment amount if the interest rate was 5% lower or 5% higher. A variation table can also be printed.

This option is extremely helpful in letting you play 'What-If?' games. In most instances, this option will enable you to develop a 'worst-case' as well as 'best-case' scenario.

3.11 Fix or Buy a New Car

This program will figure out the monthly costs of repairing a car and will also figure out the monthly costs of buying a new car. By printing out the results of these calculations you can compare the cost of a major repair to your current car against the cost of buying a new car.

The program will first calculate the monthly cost of a major repair. Next, the program will calculate the monthly cost of purchasing a new car. How much will it cost to finance the repair? What is the cost of the repair per mile? These are just some of the questions that are answered by the program.

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